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Letter dated 29 September 2017 from the Chair of the Security Council Committee established pursuant to resolution 1718 (2006) addressed to the President of the Security Council

On behalf of the Committee established pursuant to resolution 1718 (2006), I have the honour to transmit herewith the report of the Committee dated 29 September 2017, submitted pursuant to paragraph 4 of Security Council resolution 2375 (2017).

I would appreciate it if the present letter and its annex were brought to the attention of the members of the Security Council and issued as a document of the Council.

(*Signed*) Sebastiano **Cardi**
Chair
Security Council Committee established pursuant to resolution 1718 (2006)

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Annex

Report of the Security Council Committee established pursuant to resolution 1718 (2006) prepared in accordance with paragraph 4 of resolution 2375 (2017)

On 11 September 2017, the Security Council, by its resolution 2375 (2017), decided to adjust the measures imposed in paragraph 8 of its resolution 1718 (2006) by designating additional dual-use items, materials, equipment, goods and technology related to weapons of mass destruction and directed the Committee to undertake its tasks to that effect and to report to the Council within 15 days of the adoption of resolution 2375 (2017).

In carrying out its tasks, the Committee considered a list of items, materials, equipment, goods and technology related to weapons of mass destruction to be identified and designated as sensitive goods.

On 29 September 2017, the Committee, acting in accordance with the Security Council's directive, approved the following:

Dual-use items, materials, equipment, goods and technology related to weapons of mass destruction

1. Ring magnets (except those designed for consumer electronics or automobile applications)
2. Hot cells
3. Glove boxes suitable for use with radioactive materials
4. Software for neutronic calculations/modelling
5. Software for radiation transport calculations/modelling
6. Software for hydrodynamic calculations/modelling (except those used strictly for civilian purposes, such as but not limited to communal heating utilities)
7. Radiation detection, monitoring and measurement equipment
8. Radiographic detection equipment such as X-ray converters, and storage phosphor image plates (except X-ray equipment specially designed for medical use)
9. Electrolytic cells for fluorine production
10. Particle accelerators
11. Freon and chilled-water cooling systems capable of continuous cooling capacity of 100,000 Btu/hr (29.3 kW) or greater
12. Hardened steel and tungsten carbide precision ball bearings (3-mm diameter or greater)
13. Tributyl phosphate
14. Nitric acid in concentrations of 20 per cent of weight or greater
15. Fluorine (except that used for strictly civilian purposes, such as refrigerants, including freon and fluoride for toothpaste production)
16. Alpha-emitting radionuclides
17. Bellows-sealed valves
18. Isostatic presses

19. Bellows manufacturing equipment, including hydraulic forming equipment and bellows forming dies

20. Metal inert gas welders (greater than 180 A DC)

21. Monel equipment, including valves, piping, tanks and vessels (pipes and valves greater than 8-in diameter and rated for 500 psi and tanks greater than 500 l)

22. Grade 304, 316 and austenitic stainless steel plates, valves, piping, tanks and vessels (pipes and valves greater than 8-in diameter and rated for 500 psi and tanks greater than 500 l)

23. Electroplating equipment designed for coating parts with nickel or aluminium

24. Vacuum valves, piping, flanges, gaskets and related equipment specially designed for use in high-vacuum service (0.1 Pa or lower pressure)

25. Centrifugal multiplane balancing machines

26. Frequency changers capable of operating in the frequency range of 300-600 Hz

27. Mass spectrometers

28. All flash X-ray machines and "parts" or "components" of pulsed power systems designed therefrom, including Marx generators, high-power pulse-shaping networks, high-voltage capacitors and triggers

29. Electronic equipment of synthesized frequencies within the range of 31.8 GHz or greater and power output of 100 mW or greater for time-delay generation or time-interval measurement, as follows: (a) digital time delay generators with a resolution of 50 nanoseconds or less over time intervals of 1 microsecond or greater; or (b) multichannel (i.e., with 3 or more channels) or modular time interval meters and chronometry equipment with resolution of 50 nanoseconds or less over time intervals of 1 microsecond or greater

30. Chromatography and spectrometry analytical instruments

31. Seismic detection equipment or seismic intrusion-detection systems that detect, classify and determine the bearing of the source of a detected signal

32. Radiation-hardened television cameras